

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	10/656075	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/02 08:28
L3	2	"6732070".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/02 09:08
S1	2	("6820052").URPN.	USPAT	OR	ON	2007/01/30 12:36
S2	9	("20020111804"   "4731846"   "4850022"   "5255339"   "5263088"   "5414796"   "5490230"   "5581656"   "5890108").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/30 12:37
S3	14	("5664056").URPN.	USPAT	OR	ON	2007/01/30 16:10
S4	56	encoder same speech same frequency same energy and decoder	USPAT	OR	ON	2007/01/30 16:11
S5	19	S4 and flag	USPAT	OR	ON	2007/01/30 16:11
S6	0	S4 and intensity adj flag	USPAT	OR	ON	2007/01/30 16:10
S7	0	S4 and (intensity adj flag)	USPAT	OR	ON	2007/01/30 16:11
S8	94	encoder same speech same frequency same energy and decoder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 16:26
S9	30	S8 and flag	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 16:12
S10	2	S8 and (intensity adj flag)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 16:12

## EAST Search History

S11	50	("5774837").URPN.	USPAT	OR	ON	2007/01/31 10:56
S12	33	("4374302"   "4392018"   "4433434"   "4435831"   "4435832"   "4468804"   "4771465"   "4797926"   "4802221"   "4856068"   "4864620"   "4885790"   "4937873"   "4945565"   "4991213"   "5023910"   "5054072"   "5081681"   "5189701"   "5195166"   "5216747"   "5226084"   "5226108"   "5247579"   "5267317"   "5303346"   "5327518"   "5327521"   "5339164"   "5353373"   "5369724"   "5491772"   "5517511").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/31 10:56
S13	41	("5216747").URPN.	USPAT	OR	ON	2007/01/31 11:01
S14	38	(background adj noise) same encoder same unvoiced	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:02
S15	322	704/208.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 14:47
S16	0	S15 and shap%3 same signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 14:48
S17	0	S15 and shap%3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 14:48
S18	339202	signal same shap\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 14:48

## EAST Search History

S19	16	S18 same gain same "random number"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 15:27
S20	2	"6640208".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 15:29
S21	2	"6604070".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 15:52
S22	2	"5596677".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 16:07
S23	5	decoder and (quantized adj gain) and (random with vector)and filter and shaping	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 16:08
S24	10	("5450449"   "5495555"   "5699485"   "5732389"   "5763363"   "5960389"   "6269331"   "6295520"   "6377915"   "6418408").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/31 16:12
S25	0	("2004/0167776").URPN.	USPAT	OR	ON	2007/01/31 16:20
S26	58	(energy with flag) and speech with frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 07:36

## EAST Search History

S27	2	"5751903".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 14:21
S28	59314	frequency adj division	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 14:21
S29	11212	S28 and decoder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 14:22
S30	1520	S28 same decoder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 14:22
S31	12	S30 same shaping	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 14:23
S32	20	S30 and "704".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 14:26
S33	3	ll8 and interpolation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 14:27

## EAST Search History

S34	1	S32 and interpolation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 14:31
S35	64	S30 and interpolation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/01 14:34
S36	27	S30 and (interpolation same filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/02 08:28